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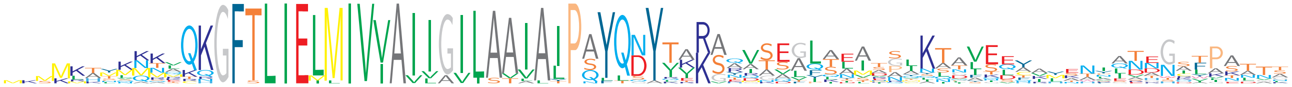

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NTDB id 1007 ACIAD RS15000 WP 004923844.1     ........MRVRHGFTLIELMIVVAIIGILAAIAYPSYQNYKIRVNRSDVQSELIRVSQQLQSYKM....VNHGYANA.S   67
NTDB id 1062 ABD1 RS15720 WP 000788345.1      ..........MKNGFTLIEIMIVVAIIAILAAIATPSYLQYLRKGHRTAVQSEMMNIAQTLESQKM....VNNRYPSNAT   66
NTDB id 1365 NTHI RS01955 WP 011271973.1      ..MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTNCT.....   73
NTDB id 1354 HI 0299 AAC21963.1               ..MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTSCT.....   73
NTDB id 1088 NMV RS07470 WP 173277181.1       .........MEQKGFTLIEMMIVVAILGIISVIAIPSYQSYIEKGYQSQLYTEMVGINNISKQFILKNPLDDNQTIK...   68
NTDB id 1140 NGFG RS02440 WP 025455870.1      .........MEQKGFTLIEMMIVVAILGIISVIAIPSYQSYIEKGYQSQLYTEMVGINNVLKQFILKNPQDDNDILK...   68
NTDB id 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQA.....INEGKTPSLTS   69
NTDB id 1204 PSJM300 03935 AFN76865.1         ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQA.....ISEGHTPSLVS   71
NTDB id 1292 VP RS12235 WP 005479693.1        ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELH....YQENGIAAATL   73
NTDB id 1184 GTF74 RS02335 WP 000649326.1     ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDY....IATEGSFPATTA   73
NTDB id 1167 A1552VC RS11065 WP 000649326.1   ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDY....IATEGSFPATTA   73
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDY....IATEGSFPATTA   73
NTDB id 1109 OK783 RS10670 WP 157147416.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEY....YLNHGIWPKDNT   69
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEY....YLNHGKWPENNT   69
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSEN....ILNAGALVAG..   66
NTDB id 1274 LPP RS09530 WP 011214168.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETA....ITNNALPAT..   65
NTDB id 1258 GC085 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETA....ITNNALPAT..   65
NTDB id 1188 NELON RS01755 WP 003772458.1     .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEA....FQTDGITG....   65
NTDB id 1309 DR RS02825 WP 034349477.1        .......MKNTTQGFTLIELLIVIAIIGILAAVLIPNLLGARAKANDSATQSYIRNCYTAVEVAR....GADGRLPAAGN   69
NTDB id 1400 DSB67 RS12660 WP 010643261.1     ...MKTNKQKKQQGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVELCAHEHAADAGAFKT..K   75
NTDB id 1079 FDQ49 RS11140 WP 022575996.1     ........MNAQKGFTLIELMIVVAIIGILAAIAIPAYQNYIAKSQASEAFTLADGLKTTIN....TNLQAGTCFAG..G   66
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVE....EALSRGWSVKS..G   66
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVS....ENAANA........   68
NTDB id 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLG....AWRADRGSFPN...   67
NTDB id 994318 AAG092 RS07470 WP 110680823.1  ......MSKKVQKGFTLIELMIVVAIIGILAAVAIPQFQDYQAKGYDKSAQSDARNILTGAI....ANS.N.........   60
NTDB id 1038 HON27 RS01510 WP 000993725.1     ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYE....NAV.NEGAVPT...   64
consensus                                                **!!*!!!**!!*!**********! ** *  *   * *       *  *
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NTDB id 1007 ACIAD RS15000 WP 004923844.1      L...A..GLGNAASY..........P..VTGTAFYTLN.............LAVDSDNQGYVL.TATPISS.......TM   109
NTDB id 1062 ABD1 RS15720 WP 000788345.1       I...Q..SIYGSNVS..........P..LQGKALYTLA.............FTTL.NDSTWVL.TATPIAN.......TS   107
NTDB id 1365 NTHI RS01955 WP 011271973.1       .............................GGKNGIAAD.ITTAKGYVK..SVTT....SNGAI.TV..KG.....DGTLA   109
NTDB id 1354 HI 0299 AAC21963.1                .............................GGKNGIAAD.IKTAKGYVA..SVIT....QSGGI.TV..KG.....NGTLA   109
NTDB id 1088 NMV RS07470 WP 173277181.1        ....SKLERF..................VSGYK...MN.PKIAEKYNV..SVHFVNKEKPRA.....YSL...VGVPKTG   112
NTDB id 1140 NGFG RS02440 WP 025455870.1       ....SKLEIF..................VSGYK...MN.PKIAKKYSV..SVRFVDAEKPRA.....YRL...VGVPNAG   112
NTDB id 1197 PSJM300 03940 AFN76866.1          T...........................DEGYIGITDS.T....SY.C..DVDLDTA.ADGHI.ECTAKG....GNAGKF   108
NTDB id 1204 PSJM300 03935 AFN76865.1          S...........................LPGFIGIGAS.T....NY.C..TVTLIAT.ATGSI.TCTTQN....GMPDRF   110
NTDB id 1292 VP RS12235 WP 005479693.1         A..............................QLGVDVAANDLGA....IDSALAG...GSPTL.TFTFDADS..S....I   109
NTDB id 1184 GTF74 RS02335 WP 000649326.1      GTAAG.............FTRLGTVEDMGDGKIVIAP..............TASGA..LGGTI.KYTFDAG.........   114
NTDB id 1167 A1552VC RS11065 WP 000649326.1    GTAAG.............FTRLGTVEDMGDGKIVIAP..............TASGA..LGGTI.KYTFDAG.........   114
NTDB id 1160 ABDM36 RS02330 WP 000649326.1     GTAAG.............FTRLGTVEDMGDGKIVIAP..............TASGA..LGGTI.KYTFDAG.........   114
NTDB id 1109 OK783 RS10670 WP 157147416.1      ...............................SAGVASA.STIKGKYVQKVEVA......KGVV.TAQMAST...GVNKEI   107
NTDB id 1119 NGFG RS11465 WP 017147169.1       ...............................SAGVASPPTDIKGKYVKEVEVK......NGVV.TATMLSS...GVNNEI   108
NTDB id 1002 ACIAD RS15100 WP 004923779.1      TPSTA.......................GSSCVGVQE..ISASNATTNVATATCGAS.SAGQI.IVTMDTTK..AK....   113
NTDB id 1274 LPP RS09530 WP 011214168.1        ...QAA.......................TGYV.SPAATPNV.......ASIAIG...ANGVI.TITYTAA..AGGGTI.   104
NTDB id 1258 GC085 RS09745 WP 014844212.1      ...QAA.......................TGYV.SPAATPNV.......QSIAIG...ANGVI.TITYTAA..AGGGTI.   104
NTDB id 1188 NELON RS01755 WP 003772458.1      ..MTAAAKAFNKTAA............AGGGAGGAAAAGTQHASKYVK..SVKVTEA.SPWDI.TVAISATEANGIPTGL   127
NTDB id 1309 DR RS02825 WP 034349477.1         CDSTANLGT.NAVATPGAITAAGAYSLDGTGSKFAVTA.TSVTNKTFCFDGAKMGE..GTGATGACTFSTS..TGTGTG.   142
NTDB id 1400 DSB67 RS12660 WP 010643261.1      CHQTA......N.....................GIPAA.FTLNNLTVT...PAAGA..ASGAI.SITVNAA..NDKGPIK   119
NTDB id 1079 FDQ49 RS11140 WP 022575996.1      ATA...............................VTAA.DKVSGKYGD.AEIGGTA..PNCTI.TYTFKSS..GVSNKL.   107
NTDB id 1192 PAKAF RS23870 WP 024947914.1      TGTEDATK...KEVP..............LGV..AADA.NKLGTIALK...PDPAD..GTADI.TLTFTMG..GAGPKN.   117
NTDB id 1424 RS RS02795 WP 011000517.1         ....Q......SDLS..............VGSSVFTPT.KNVANLT..IAGTGTV....PGQI.TVTYTTA..AGGGT.L   113
NTDB id 1191 AAC28468.1 484..945( )            ....A......AALV..............AGNVIFDSA.NGLDGKYFAPGGVTVTP..DTGAI.NIAFDAG..ANAGKTM   117
NTDB id 994318 AAG092 RS07470 WP 110680823.1  ................................................................................    60
NTDB id 1038 HON27 RS01510 WP 000993725.1      ....K......LS..................DVGFTAA.TSSVCATYSIDAFTETD..GAGKI.TCTLKGN.......PK   105
consensus                                                                    *                             * *   *
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NTDB id 1007 ACIAD RS15000 WP 004923844.1     QAGN............GIICLNQDGQKFWSKAATACSLSSNSTWDGR..............................   144
NTDB id 1062 ABD1 RS15720 WP 000788345.1      QAGD............GIICLNDQGQKFWAKGATDCALSASSSWTE...............................   141
NTDB id 1365 NTHI RS01955 WP 011271973.1      NMEYIL...........QATGNAATGVTWTTTCKGTD..................ASLFPANFCGSVTQ........   149
NTDB id 1354 HI 0299 AAC21963.1               NMEYIL...........QAKGNAAAGVTWTTTCKGTD..................ASLFPANFCGSVTK........   149
NTDB id 1088 NMV RS07470 WP 173277181.1       T.GYTL..........SVW..MNSVGDGYKCRDAASAR.............AHLETLSSDV.GCEAFSNRKK.....   157
NTDB id 1140 NGFG RS02440 WP 025455870.1      T.GYTL..........SVW..MNSVGDGYKCRDATSAQ.............VYLETLSANT.GCEAFSNRKK.....   157
NTDB id 1197 PSJM300 03940 AFN76866.1         D.GKTI.............TLNRTADGEWSCASTL...................DAKYKPG.KCS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1         N.GKTI.............TIARTTDGLWDCTSDL...................DSRYKPG.KCL............   141
NTDB id 1292 VP RS12235 WP 005479693.1        D.G.............GILTFTRDAATGWSCLPTAPAI....................AVD.GCS............   139
NTDB id 1184 GTF74 RS02335 WP 000649326.1     ............VVSSSKIQLARDANGLWTCSTTV...................TSEIAPK.GCTAGATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1   ............VVSSSKIQLARDANGLWTCSTTV...................TSEIAPK.GCTAGATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    ............VVSSSKIQLARDANGLWTCSTTV...................TSEIAPK.GCTAGATIN......   153
NTDB id 1109 OK783 RS10670 WP 157147416.1     Q.DKKL..........SLWAKRQDGSVKWFCGQPVTRTGDNDDTV..ADANNAIDTKHLPS.TCRDESSAT......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1      K.GKKL..........SLWGRRENGSVKWFCGQPVTRADDDTVAD..AKDGKEIDTKHLPS.TCRDKASDAK.....   166
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ..GANIT..........LTPTYASGAVTWKCTTTS...................DKKYVPS.ECRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1       ......V.........MTPTLQANGDVTWTCTGGT..................LLAKYRPA.SCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1     ......I.........MTPTLQANGDVTWTCTGGT..................LLAKYRPA.SCRP...........   136
NTDB id 1188 NELON RS01755 WP 003772458.1     D.GNTIRLFPL..VNKAVPAATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPS.ECK............   188
NTDB id 1309 DR RS02825 WP 034349477.1        ......TGTGTGTGT......GTGTG.......SN..........................................   158
NTDB id 1400 DSB67 RS12660 WP 010643261.1     ......QN.....EKYILTATYASNGVTWSSECKDAT..............NAVQTSYCP.................   154
NTDB id 1079 FDQ49 RS11140 WP 022575996.1     ......TST......KIVM..NVSETGILTKNSGT.................DTPVELLPQ.SFVAS..........   142
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ............KG.KIITLTRTAADGLWKCTSDQ...................DEQFIPK.GCSK...........   150
NTDB id 1424 RS RS02795 WP 011000517.1        ......ALVPTAAGTALPVSSAPSGPIMWTCYAQNKAQAASSVAP...SGTMSLAAKYAPA.ECR............   168
NTDB id 1191 AAC28468.1 484..945( )           ......TITP.......TVIAASGQISTWTCAPGAAN...............GIETRRLPT.SCQ*...........   153
NTDB id 994318 AAG092 RS07470 WP 110680823.1  .............................................................................    60
NTDB id 1038 HON27 RS01510 WP 000993725.1     ......IATK.......IVELTRSTDGAWTCVSDV...................PTEFLPK.GCTAGTPTEGAITSL   149
consensus                                                                 * *                            *   *
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X non conserved

X similar

X ≥ 50% conserved